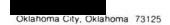
THESE RECORDS MAY BE RELEASABLE UNDER THE FOIA REQUEST 15 DAYS AFTER SIGNATURE DATE UNLESS WE HEAR OTHERWISE FROM FAA NTSB COUNSEL



Mike Monroney Aeronautical Center



Federal Aviation Administration

Monday, December 19, 2016

National Transportation Safety Board

Federal Way, WA 98003

ACCIDENT # 0230 INDIVIDUAL#: 001 NAME: MODE: AVIATION

DATE OF ACCIDENT 10/25/2016 DATE RECEIVED 10/28/2016 PUTREFACTION: No

N# 364RM **NTSB#** WPR17FA013 **CAMI REF#** 201600230001

LOCATION OF ACCIDENT Nortonville, CA

SPECIMENS Liver, Lung, Muscle

FINAL FORENSIC TOXICOLOGY FATAL ACCIDENT REPORT

CARBON MONOXIDE: The carboxyhemoglobin (COHb) saturation is determined by spectrophotometry with a 10% cut off and confirmed by chromatography.

>> NOT PERFORMED

CYANIDE: The presence of cyanide is screened by Conway Diffusion, when the COHb level is equal to or greater than 10% or upon special request. Cyanides are quantitated by spectrophotometry and confirmed by chromatography. The reporting cutoff for cyanide is 0.25 ug/mL. Normal blood cyanide concentrations are less than 0.15 ug/mL, while lethal concentrations are greater than 3 ug/mL.

>> NOT PERFORMED

VOLATILES: The volatile concentrations are determined by headspace gas chromatography at a cut off of 10 mg/dL. Where possible, positive ethanol values are confirmed by Radiative Energy Attenuation.

- >> NO ETHANOL detected in Muscle
- >> NO ETHANOL detected in Liver

DRUGS: Specimens are analyzed using immunoassay, chromatography, GC/MS, HPLC/MS, or GC/FTIR. Concentrations (ug/mL) at or above those in () can be determined for, but not limited to, the following drugs: amphetamines (0.010), opiates (0.010), marihuana (0.001), cocaine (0.020), phencyclidine (0.002), benzodiazepines (0.030), barbiturates (0.060), antidepressants (0.100), and antihistamines (0.020). Drugs and/or their metabolites, that are not impairing or abused, may be reported from the initial tests. See the CAMI Drug Information Web Site for additional information (http://jag.cami.jccbi.gov/toxicology/).

- >> Atorvastatin detected in Liver
- >> Bupropion detected in Liver
- >> Bupropion detected in Muscle
- >> Bupropion Metabolite detected in Liver
- >> Bupropion Metabolite detected in Muscle
- >> Valsartan detected in Liver



Monday, December 19, 2016

CONTINUATION OF REF#: 201600230001

Russell Lewis, Ph.D., F-ABFT TC, FAA, Forensic Toxicology Research Team CAMI c=US, o=U.S. Government, ou=AMC, ou=AMC, cn=RUSSELL J LEWIS 2016.12.22 11:41:47 -06'00'